

Table L-1  
Groundwater and Soil Cleanup Levels

Chemical	Cleanup Level	Basis for Selection
Groundwater – VOCs		
1,2 Dichloroethane	5 µg/L	MCL <sup>†</sup>
cis-1,2 Dichloroethylene	70 µg/L	MCL
Methylene Chloride	5 µg/L	MCL
Tetrachloroethylene *	5 µg/L	MCL
Trichloroethylene	5 µg/L	MCL
Vinyl Chloride	2 µg/L	MCL
Groundwater – Metals		
Arsenic	10 µg/L	MCL
Total Chromium	100 µg/L	MCL
Cadmium	5 µg/L	MCL
Cobalt	6 µg/L	Risk-based (HQ=1, residential)
Iron	14,000 µg/L	Risk-based (HQ=1, residential)
Soils – PAHs (for 96 Commerce Street only)		
Benzo(a)anthracene**	0.15 mg/Kg	Risk-based (10 <sup>-6</sup> , residential)
Benzo(a)pyrene**	0.015 mg/Kg	Risk-based (10 <sup>-6</sup> , residential)
Benzo(b)fluoranthene**	0.15 mg/Kg	Risk-based (10 <sup>-6</sup> , residential)
Soils – Metals (for 96 Commerce Street only)		
Hexavalent Chromium	0.3 mg/kg	Risk-based (10 <sup>-6</sup> , residential)
Arsenic**	0.68 mg/kg	Risk-based (10 <sup>-6</sup> , residential)
<sup>†</sup> Maximum Contaminant Level (MCL) per federal and equivalent state drinking water standards.  * Direct contact to and inhalation of shallow groundwater with TCE concentrations in excess of 2.3 µg/L pose a risk to the construction/utility worker. EPA is selecting the MCL for TCE as the cleanup level as a matter of policy, and based on Site-specific conditions. Specifically, the TCE plume is generally at depths ranging from 10 to 15 feet below the water table, and, the exposure assumptions (8 hrs/day, 5 days/week, for 6 months) are highly conservative.  ** Or background, as determined during pre-remedial design soil sampling, whichever is higher. Cleanup to background will be recorded in a future decision document, as appropriate.		